

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09811345 on March 14, 2003

12 707/10 (11 OR, 1 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES
707/1 DATABASE OR FILE ACCESSING
707/10 .Distributed or remote access

7 709/203 (3 OR, 4 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
709/201 .Distributed data processing
709/203 ..Client/server

5 707/104.1 (1 OR, 4 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES
707/100 DATABASE SCHEMA OR DATA STRUCTURE
707/104.1 .Application of database or data structure
(e.g., distributed, multimedia, image)

5 709/202 (1 OR, 4 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
709/201 .Distributed data processing
709/202 ..Processing agent

4 707/1 (1 OR, 3 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES
707/1 DATABASE OR FILE ACCESSING

4 709/221 (1 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
709/220 .Network computer configuring
709/221 ..Reconfiguring

4 713/201 (2 OR, 2 XR)

717/105 ✓
search strategy

09811345_CLSTITLES.txt

Class	713	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT
713/200			SECURITY
713/201			.Computer network
3	705/53		(0 OR, 3 XR)
Class	705	:	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION			
	705/50		BUSINESS PROCESSING USING CRYPTOGRAPHY
	705/51		.Usage protection of distributed data files
	705/52		..Usage or charge determination
	705/53		...Including third party for collecting or distributing payment (e.g., clearinghouse)
3	707/102		(0 OR, 3 XR)
Class	707	:	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/100		DATABASE SCHEMA OR DATA STRUCTURE
	707/102		.Generating database or data structure (e.g., via user interface)
3	707/3		(0 OR, 3 XR)
Class	707	:	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
	707/1		DATABASE OR FILE ACCESSING
	707/3		.Query processing (i.e., searching)
3	709/200		(0 OR, 3 XR)
Class	709	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
3	709/222		(3 OR, 0 XR)
Class	709	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/220		.Network computer configuring
	709/222		..Initializing
3	709/224		(3 OR, 0 XR)
Class	709	:	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/223		.Computer network managing

707/200 FILE OR DATABASE MAINTENANCE

707/201 .Coherency (e.g., same view to multiple users)

2 707/4 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES

707/1 DATABASE OR FILE ACCESSING

707/3 .Query processing (i.e., searching)

707/4 ..Query formulation, input preparation, or
translation

2 707/7 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES

707/1 DATABASE OR FILE ACCESSING

707/7 .Sorting

2 707/9 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES

707/1 DATABASE OR FILE ACCESSING

707/9 .Privileged access

2 709/103 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/100 TASK MANAGEMENT OR CONTROL

709/102 .Process scheduling

709/103 ..Priority scheduling

2 709/218 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/217 .Remote data accessing

709/218 ..Using interconnected networks

2 709/225 (2 OR, 0 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/223 .Computer network managing

709/225 ..Computer network access regulating

2 709/227 (1 OR, 1 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/227 .Computer-to-computer session/connection
 establishing

2 709/250 (1 OR, 1 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
 709/250 .Network-to-computer interfacing

2 714/46 (2 OR, 0 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING
 714/1 .Reliability and availability
 714/25 ..Fault locating (i.e., diagnosis or testing)
 714/46 ...Operator interface for diagnosing or testin

g

2 715/503 (1 OR, 1 XR)
 Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF
 DOCUMENT
 715/503 SPREADSHEET

709/224 ..Computer network monitoring

3 715/500 (1 OR, 2 XR)

Class 715 : DATA PROCESSING: PRESENTATION PROCESSING OF
DOCUMENT

715/500 MISCELLANEOUS

2 345/502 (1 OR, 1 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

SYSTEMS

345/501 COMPUTER GRAPHIC PROCESSING SYSTEM

345/502 .Plural graphics processors

2 345/733 (0 OR, 2 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

SYSTEMS

345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER
INTERFACE)

345/733 .For plural users or sites (e.g., network)

2 345/810 (1 OR, 1 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

SYSTEMS

345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER
INTERFACE)

345/764 .On-screen workspace or object

345/810 ..Menu or selectable iconic array (e.g.,
palette)

2 345/969 (0 OR, 2 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

SYSTEMS

345/961 OPERATOR INTERFACE WITH VISUAL STRUCTURE OR
FUNCTION DICTATED BY INTENDED USE

345/965 .For process control and configuration

345/969 ..Network layout and operation interface

2 370/412 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
370/351 PATHFINDING OR ROUTING

Refine Search

Search Results -

Terms	Documents
L5 and (custom AND user AND interface)	22

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L6

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Thursday, April 29, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> <u>Query</u> side by side	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=USPT; PLUR=NO; OP=OR</i>		
<u>L6</u> L5 and (custom AND user AND interface) (5897635 5793964 6085193 6157953 6219700 6219700 5958012 6289380 6070177 6292830 6370144 6389031 6253193 6363488 6389402 6427140 6442432 5226118 5720036 6167431 6108779 6523035 5287504 5321808	22	<u>L6</u>
<u>L5</u> 5963207 5860004 6006230 6008805 6014760 6094531 6131110 6163805 6167537 6393569 5701451 5710918 5721908 5745754 5752246 5761663 5774661 5784563 5826269 5946685 6012100 6073172 6094655 6122741 6157934 6173295).pn.	49	<u>L5</u>
<u>L4</u> L1 AND (custom ADJ interface)	40	<u>L4</u>
<u>L3</u> L1 AND (custon ADJ interface)	0	<u>L3</u>
<u>L2</u> L1 AND (uston ADJ interface)	0	<u>L2</u>
<u>L1</u> custom near user near interface near a(aministration OR administrator)	14739	<u>L1</u>

plus

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 AND (custom ADJ interface)	40

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L4

Search History

DATE: Thursday, April 29, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

DB=USPT; PLUR=NO; OP=OR

Hit Count Set Name

result set

<u>L4</u>	L1 AND (custom ADJ interface)	40	<u>L4</u>
<u>L3</u>	L1 AND (custon ADJ interface)	0	<u>L3</u>
<u>L2</u>	L1 AND (uston ADJ interface)	0	<u>L2</u>
<u>L1</u>	custom near user near interface near a(aministration OR administrator)	14739	<u>L1</u>

END OF SEARCH HISTORY

Hit List

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)
[Generate OACS](#)

Search Results - Record(s) 1 through 40 of 40 returned.

☐ 1. Document ID: US 6718535 B1

L4: Entry 1 of 40

File: USPT

Apr 6, 2004

US-PAT-NO: 6718535

DOCUMENT-IDENTIFIER: US 6718535 B1

TITLE: System, method and article of manufacture for an activity framework design in an e-commerce based environment

DATE-ISSUED: April 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 717/101; 717/120

ABSTRACT:

A system and method are provided for providing an activity framework. First, a plurality of sub-activities are created which each include sub-activity logic adapted to generate an output based on an input received from a user upon execution. Second, a plurality of activities are defined which each execute the sub-activities in a unique manner upon being selected for accomplishing a goal associated with the activity. Selection of one of the activities is allowed by receiving user indicia. An interface is depicted for allowing receipt of the input and display of the output during execution of the sub-activities associated with the selected activity.

24 Claims, 179 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 111

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Keywords	Drawings
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☐ 2. Document ID: US 6704873 B1

L4: Entry 2 of 40

File: USPT

Mar 9, 2004

US-PAT-NO: 6704873

DOCUMENT-IDENTIFIER: US 6704873 B1

TITLE: Secure gateway interconnection in an e-commerce based environment

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Underwood; Roy Aaron	Long Grove	IL		

US-CL-CURRENT: 713/201; 709/223, 709/249

ABSTRACT:

A system and method of providing a global internetworking gateway architecture in an e-commerce environment are provided. A plurality of gateways each situated in a distinct geographic location are coupled to an internet. A wide area network, separate from the internet, is coupled to each of the gateways for providing communication between the wide area network and the internet. Coupled to the wide area network is a central database for providing a central storage for data used in e-commerce carried out over the internet. In one embodiment, at least one of the gateways includes at least one screening router coupled to the internet service provider, at least one firewall connected to the screening router, and a choker router coupled between the wide area network and the firewall.

16 Claims, 179 Drawing figures
Exemplary Claim Number: 5
Number of Drawing Sheets: 111

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMOC	Draw De
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☐ 3. Document ID: US 6704741 B1

L4: Entry 3 of 40

File: USPT

Mar 9, 2004

US-PAT-NO: 6704741

DOCUMENT-IDENTIFIER: US 6704741 B1

TITLE: Test item creation and manipulation system and method

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lively, Jr.; Dean Edward	San Antonio	TX		
Ethofer; Steven Anthony	Atlantic	IA		

US-CL-CURRENT: 707/102; 707/104.1

ABSTRACT:

A method for creating a test for administration to a student includes creating a plurality of test items using a unitary software application. Each test item has a plurality of elements, including an item stem (a question or problem), at least one

option (such as a choice of answers, including one correct answer and at least one "distractor" or an open-ended question), and metadata related to the test item. Next, if desired, an image is added to the test item using the software. Each test item is then stored in an electronic database. Access to each test item in the database is provided, wherein the test items are searchable by at least one of the test item elements. The test creator then electronically selects at least one test item from the database and views at least a portion of the selected test item. If desired, the at least one selected test item is assembled into a test.

11 Claims, 40 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 40

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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☐ 4. Document ID: US 6697824 B1

L4: Entry 4 of 40

File: USPT

Feb 24, 2004

US-PAT-NO: 6697824
DOCUMENT-IDENTIFIER: US 6697824 B1

TITLE: Relationship management in an E-commerce application framework

DATE-ISSUED: February 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowman-Amuah; Michel K.	Colorado Springs	CO		

US-CL-CURRENT: 709/229; 709/223

ABSTRACT:

A system and method are provided for interacting with a user over a network for personalizing a website. A user is identified and information about the user is collected. A profile of the user is built based on the collected information and a plurality of different contents are managed. The profile and the contents are analyzed in order to match attributes of the profile of the user and attributes of the contents. The contents which have attributes that match the attributes of the profile of the user are then selected and delivered to the user. The user is allowed to manually select which of the delivered contents are depicted on a display. The user is also allowed to selectively position the delivered contents on the display.

18 Claims, 46 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 30

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KWIC	Draw D
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